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ER622185170⁺

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			C m p l t if Known		
			Application Number		
			Filing Date		
			First Named Inventor		
			Group Art Unit		
			Examiner Name		
Sheet	1	of	3	Attorney Docket Number	
				MS1-1814US	

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
↓		5,272,470		Zetts	12-21-1993	
		5,568,536		Tiller et al.	10-22-1996	
		5,590,373		Whitley et al.	12-31-1996	
		5,619,684		Goodwin et al.	04-08-1997	
		5,757,361		Hirshik	05-26-1998	
		5,805,138		Brawne et al.	09-08-1998	
		5,835,080		Beeteson et al.	11-10-1998	
		5,874,955		Rogowitz et al.	02-23-1999	
		5,909,211		Combs et al.	06-01-1999	
		5,936,614		An et al.	08-10-1999	
		6,088,805		Davis et al.	06-11-2000	
		6,141,754		Choy	10-31-2000	
		6,233,576B1		Lewis	05-15-2001	
		6,259,043B1		Clary et al.	07-10-2001	
		6,262,718B1		Findlay et al.	07-17-2001	
		6,292,904B1		Broomhall et al.	09-18-2001	
		6,308,173B1		Glasser et al.	10-23-2001	
		6,351,748B1		Deen et al.	02-26-2002	
		6,381,602B1		Shoroff et al.	04-30-2002	
		6,412,070B1		Van Dyke et al.	06-25-2002	

FOREIGN PATENT DOCUMENTS								
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	TS
		Office ³	Number ⁴	Kind Code ⁵ (if known)				

Examiner Signature <i>Stan Ball</i>	Date Considered 6/22/07
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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Compleat if Known	
		Application Number	
		Filing Date	January 28, 2004
		First Named Inventor	Sinclair
		Group Art Unit	
		Examiner Name	
Sheet	2	of	3
		Attorney Docket Number	MS1-1814US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
56H		"Touch -Sensitive Overlay with Tactile Feedback", IBM Disclosure Bulletin, pp. 761-763, Vol. 29, No. 2, July 1986.	
		McMath, et al., "High Sampling Resolution Tactile Sensor for Object Recognition", IEEE Instrumentation and Measurement Technology Conference, pp. 579-583, Vol. 29, No. 2, May 18-20, 1993.	
		Yeung et al., "High Sampling Resolution Tactile Sensor for Object Recognition", IEEE Transactions on Instrumentation and Measurement Conference, pp. 277-282, Vol. 43, No. 2, April 1994.	
		Timothy Griffin, "Haptic Feedback in Button Technologies: A Guide for Industrial Designers", http://tim.griffins.ca/writings/haptic_tech_body.html ; pp. 1-47, April 14, 1999.	
		"Automated Home...The Hows, Wheres and Whys of HA in the UK (Est. 1996)", www.automatedhome.co.uk , PDA-ir Review, pp. 1-8, May 24, 2002.	
		Gerovich et al., "The Effect of Visual and Haptic Feedback on Manual and teleoperated Needle Insertion", Lecture Notes in Computer Science, Proceedings Part 1, pp. 147-154, Vol. 2488, September 25-28, 2002.	
		"TV Remote Controller 5.5 (voice operated) - reduced price!", www.pdwin.com/tvremote.html , pp. 1-4, August 2003.	
		"SoftFlow Version 3.0-Appliation Programming Manual", Delta Systems, Inc., www.delta-systems-inc.com , Stone Ridge Publishing, Inc., pp. 1-8, August 2003.	
		S.D. Laycock and A.M. Day, "Recent Developments and Applications of Haptic Devices", Computer Graphics Forum, EG Eurographics Digital Library, pp. 117-132, Vol. 22, No. 2, 2003.	

Examiner Signature	<i>Stan Hall</i>	Date Considered	6/22/07
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PTO/SB/08A (08-03)

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Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/767,291
		Filing Date	1/28/2004
		First Named Inventor	Michael J. Sinclair
		Art Unit	3713
		Examiner Name	Joe H. Cheng
Sheet 1 of 2	Attorney Docket Number	MS1-1814US	

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
544		US- 2003/0134256-A1	07/17/2003	Tretiakoff et al.	
		US- 4,333,092	06/01/1982	Field	
		US- 4,406,998	09/27/1983	Willough	
		US- 5,086,287	02/04/1992	Nutzel	
		US- 5,154,614	10/13/1992	Matsuoka et al.	
		US- 5,165,897	11/24/1992	Johnson	
		US- 5,186,629	02/16/1993	Rohen	
		US- 5,233,333	08/03/1993	Borsuk	
		US- 5,412,189	05/02/1995	Cragun	
		US- 5,680,254	12/03/1996	Ramsey	
		US- 5,588,839	12/31/1996	Shimoda	
		US- 5,748,177	05/05/1998	Baker et al.	
		US- 5,810,597	09/22/1998	Allen, Jr. et al.	
		US- 5,920,303	07/06/1999	Baker et al.	
		US- 5,989,099	11/23/1999	Arnold, III et al.	
		US- 6,042,383	03/28/2000	Heron	
		US- 6,059,575	05/08/2000	Murphy	
		US- 6,182,059	12/19/2000	Murphy et al.	
		US- 6,217,338 -B1	04/17/2001	Tleman	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

Examiner Signature	<i>Stan Holk</i>	Date Considered	6/22/07
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Substitute for form 1448/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	2
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Complete If Known

Application Number	10/767,291
Filing Date	1/28/2004
First Named Inventor	Michael J. Sinclair
Art Unit	3173
Examiner Name	Joe H. Cheng
Attorney Docket Number	MS1- 1814US

U. S. PATENT DOCUMENTS

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Examiner
Signature

Stan Halper

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6/22/07

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